# RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09 830 139

Source: IFW 16

Date Processed by STIC: 1/10/07

# *ENTERED*

# CRF Errors Edited by the STIC Systems Branch

Serial Number: 09/830,139          CRF Edit Date: 11/10/07
                                   Edited by: ZCB

_____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line


_____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____


_____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✔ Deleted: ✔ invalid beginning/end-of-file text ; ___ page numbers


_____ Inserted mandatory headings/numeric identifiers, specifically:

_____


_____ Moved responses to same line as heading/numeric identifier, specifically:

_____


_____ Other:

_____
_____
_____

IFW16

RAW SEQUENCE LISTING                           DATE: 01/10/2007
PATENT APPLICATION:  US/09/830,139             TIME: 11:57:48

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01102007\I830139.raw**

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     3 <110> APPLICANT: Theide, Mark
     4         Flake, Alan
W-->  5 <120> TITLE OF INVENTION: In Utero Transplantation of Human Mesenchymal
Stem Cells
     7 <130> FILE REFERENCE: 640100-420
C-->  9 <140> CURRENT APPLICATION NUMBER: US/09/830,139
    10 <141> CURRENT FILING DATE: 2001-11-20
    12 <150> PRIOR APPLICATION NUMBER: PCT/US99/26927
    13 <151> PRIOR FILING DATE: 1999-11-12
    15 <150> PRIOR APPLICATION NUMBER: US 60/108,357
    16 <151> PRIOR FILING DATE: 1998-11-13
    18 <160> NUMBER OF SEQ ID NOS: 2
    20 <170> SOFTWARE: PatentIn 3.2
    22 <210> SEQ ID NO: 1
    23 <211> LENGTH: 20
    24 <212> TYPE: DNA
    25 <213> ORGANISM: Artificial Sequence
    27 <220> FEATURE:
    28 <223> OTHER INFORMATION: PCR primer
    30 <400> SEQUENCE: 1
    31  gtgtctgggt ttcatcaatc    20
    33 <210> SEQ ID NO: 2
    34 <211> LENGTH: 20
    35 <212> TYPE: DNA
    36 <213> ORGANISM: Artificial Sequence
    38 <220> FEATURE:
    39 <223> OTHER INFORMATION: PCR primer
    41 <400> SEQUENCE: 2
    42  ggcaggcata ctcatctttt    20
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**VERIFICATION SUMMARY**                          DATE: 01/10/2007
PATENT APPLICATION:  **US/09/830,139**             TIME: 11:57:49

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01102007\I830139.raw**

L:5 M:283 W: Missing Blank Line separator, <120> field identifier
L:9 M:270 C: Current Application Number differs, Replaced Current Application
Number

# Raw Sequence Listing before editing
## (for reference only)

```
        RAW SEQUENCE LISTING              DATE: 01/03/2007
        PATENT APPLICATION:  US/09/830,139    TIME: 10:19:18

        Input Set : A:\#305042 v1 - Sequence Listing.txt
        Output Set: N:\CRF4\01032007\I830139.raw
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     3 <110> APPLICANT: Theide, Mark
     4         Flake, Alan
W--> 5 <120> TITLE OF INVENTION: In Utero Transplantation of Human Mesenchymal Stem Cells
     7 <130> FILE REFERENCE: 640100-420
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/830,139
    10 <141> CURRENT FILING DATE: 2001-11-20
    12 <150> PRIOR APPLICATION NUMBER: PCT/US99/26927
    13 <151> PRIOR FILING DATE: 1999-11-12
    15 <150> PRIOR APPLICATION NUMBER: US 60/108,357
    16 <151> PRIOR FILING DATE: 1998-11-13
    18 <160> NUMBER OF SEQ ID NOS: 2
    20 <170> SOFTWARE: PatentIn 3.2
```

Does Not Comply
Corrected Diskette Needed
(PS.1)

**ERRORED SEQUENCES**

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    33 <210> SEQ ID NO: 2
    34 <211> LENGTH: 20
    35 <212> TYPE: DNA
    36 <213> ORGANISM: Artificial Sequence
    38 <220> FEATURE:
    39 <223> OTHER INFORMATION: PCR primer
    41 <400> SEQUENCE: 2
    42 ggcaggcata  ctcatctttt    20
E--> 46 #305042 v1 - Sequence Listing
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deleted

**VERIFICATION SUMMARY**                    DATE: 01/03/2007
PATENT APPLICATION:  **US/09/830,139**      TIME: 10:19:19

Input Set : **A:\#305042 v1 - Sequence Listing.txt**
Output Set: **N:\CRF4\01032007\I830139.raw**

L:5 M:283 W: Missing Blank Line separator, <120> field identifier
L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:46 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5